DoD M&S Governance: Vision, Implementation, Progress

The M&S Roadmap to Success

DoD M&S Steering Committee Chairman's Presentation

Report Documentation Page

Form Approved
OMB No. 0704-0188

Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

1. REPORT DATE	2. REPORT TYPE	3. DATES COVERED
11 MAR 2008	**N/A**	**-**

4. TITLE AND SUBTITLE	5a. CONTRACT NUMBER
DoD M & S Governance: Vision, Implementation, Progress The M & S Roadmap to Success	5b. GRANT NUMBER
	5c. PROGRAM ELEMENT NUMBER
6. AUTHOR(S)	5d. PROJECT NUMBER
	5e. TASK NUMBER
	5f. WORK UNIT NUMBER
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) **DoD M & S Committee**	8. PERFORMING ORGANIZATION REPORT NUMBER
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)	10. SPONSOR/MONITOR'S ACRONYM(S)
	11. SPONSOR/MONITOR'S REPORT NUMBER(S)

12. DISTRIBUTION/AVAILABILITY STATEMENT
Approved for public release, distribution unlimited

13. SUPPLEMENTARY NOTES
2008 DoD M&S (Modeling and Simulation) Conference Presentations held in Orlando, Florida on March 10 - 14, 2008, The original document contains color images.

14. ABSTRACT

15. SUBJECT TERMS

16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT	b. ABSTRACT	c. THIS PAGE			
unclassified	**unclassified**	**unclassified**	**UU**	**14**	

M&S Congressional Caucus Challenge

"I challenge the M&S communities to better communicate in simple terms the importance of modeling and simulation and to describe its value as a nationally critical technology."

Congressman Randy Forbes

If we don't begin to describe the value of M&S we will increasingly lose support.

DoD M&S Roadmap to Success

- **Vision:** Strategic Perspective
  - DoD M&S Strategic Vision
  - DoD M&S Vision End-States
- **Implementation:** M&S Leadership
  - DoD M&S Governance and Management
  - M&S SC Approach and Analysis
- **Progress:** Reaching the goals, implementing the vision
  - DoD M&S Ongoing Efforts
  - Expected Outcomes
- **Challenge:** Achieving necessary standards

DoD M&S Vision

Empower DoD with Modeling and Simulation capabilities that effectively and efficiently support the full spectrum of the Department's activities and operations.

DoD M&S Vision End-States

- Foundational M&S architectures, standards, and environments
- Effective policies that promote interoperability, minimize duplication, and leverage M&S capabilities
- Efficient management processes for models, simulations, and data
- Easily understood validation, verification, and accreditation guidelines
- Advance and promote M&S across communities
- Fiscal philosophy to “spend each M&S dollar like it was your own.”

Implementation

DoD M&S Governance and Management:

- Uses Board of Directors approach (M&S SC)
- Enables visibility across M&S enterprise
- Enables the Department to more effectively meets its operational and support objectives across Services' diverse activities, combatant commands, and agencies.
- Encourages collaboration and facilitates sharing of data across DoD components
- Promotes interactions between DoD and other government agencies, international partners, industry, and academia.

New M&S Governance and Management Structure Organized by Communities.
Designed to Support & Integrate M&S Activities across the Department.
Led by a 1 to 2 Star M&S Steering Committee (M&S SC) to provide governance.

Acquisition AT&L	**Analysis** PA&E & JS	**Planning** JS & Policy	**Testing** DOT&E & AT&L	**Training** P&R	**Experimentation** JFCOM

M&S Practices

Common and Cross-Cutting M&S Tools

Common and Cross-Cutting M&S Data

Common and Cross-Cutting M&S Services

(SE FORUM) **(JADM)** **(AP EXCOM)** **(T2 ESG)** **(JCDE EC)**

Components

OSD, Joint Staff, COCOMs, Services

Goal: Establish corporate M&S management to address DoD goals: Leads/guides/shepherds the $Bs in DoD M&S investments; adds value thru metrics & ROI-driven priorities; and seeks to provide transparency.

M&S SC Approach & Analysis

Goals:

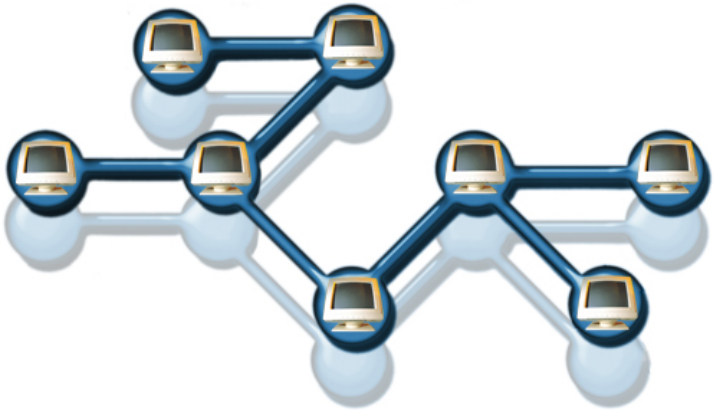
- Act as facilitator to achieve DoD mission and operations
- Promote visibility, accessibility, and usage
- Lead, guide, and shepherd investments
- Add value through metrics & ROI-driven priorities

Progress

- Implemented Governance and Management Structure
  - Codified in DoDD 5000.59
- Authored a DoD M&S Vision: Signed by 13 leaders across DoD
- Fostered Steering Committee-level collaboration
  - Involved fully Office of the Secretary of Defense, Joint Staff, COCOMs, Services, OSD/NII and USD(I) representatives
- Funding multi-community and Service programs that encourage interoperability

Community & Service Interoperability
A Story of Progress

Past **Present** **Future**



DoD M&S Ongoing Efforts

- Addressing common and cross-cutting M&S initiatives that impact the billions
  - Improving Process for Identifying Common and Cross-cutting M&S gaps
- Developing Community-level Business Plans
- Continuing to stress effective management in communities enabled by M&S

Ongoing Efforts (Cont)

- Identifying and funding projects that have DoD-wide impacts
- Aligning FY 09 and out-year M&S needs with POM cycles
- Developing metrics for ROI
- Developing and executing M&S strategic outreach

DoD M&S – Answering the Challenge

We need your ideas and active participation in getting the word out on :

- Strengthening M&S tools, services, data across DoD
- Communicating the importance of M&S
- Promoting interoperability and reuse
- Increasing visibility and accessibility across the defense community

Discussion